



**interpenetrating polymer network (IPN)**

A **polymer** comprising two or more **networks** which are at least partially interlaced on a molecular scale but not covalently bonded to each other and cannot be separated unless chemical bonds are broken.

A mixture of two or more preformed **polymer** networks is not an IPN.

1996, 68, 2305

IUPAC Compendium of Chemical Terminology 2nd Edition (1997)

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